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PATENT
Attorney Docket No.: 022101-000320US
Client Ref. No.: 18915-US2

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On June 6, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David Harrow GELFAND, et al.

Application No.: 10/052,417

Filed: January 17, 2002

For: THERMOSTABLE DNA
POLYMERASES INCORPORATING
NUCLEOSIDE TRIPHOSPHATES
LABELED WITH FLUORESCEN
FAMILY DYES

Customer No.: 41504

Confirmation No. 4095

Examiner: Sitton, Jehanne Souaya

Technology Center/Art Unit: 1634

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed January 11, 2005, please enter the following amendments and remarks. A petition for a two-month extension of time, from April 11, 2005 through June 11, 2005, accompanies this amendment.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 18 of this paper.